BRUHAT BANGALORE MAHANAGARA PALIKE

Agency: M/s KRIDL

Name of Work: Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No.07.

Sl No	Description of item	Unit	No	L	B	D	Qty
1	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications..						
	Location	cum					
	From HDFC bank to bakery		1	40	1.2	1.3	62
	From Talakaveri layout main road to Amruthalli circle		1	186	1.2	1.3	290
	culvert		1	12	1.2	1.3	19
						Total	371.28
2	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing						
	From HDFC bank to bakery	cum	1	40.00	1.20	0.15	7
	From Talakaveri layout main road to Amruthalli circle		1	186.00	1.20	0.15	33
	culvert		1	12.00	1.20	0.15	2
	Below kerb						
			1	40	0.45	0.10	2
			1	186	0.45	0.10	8
							53.01
						Ltd to	50.85
4	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery						

		L	no of rods	le of u bar	Total length	
					10mm	8mm
Main rod-0-40	1	40	995	1.5	1492.5	
distribution	1	40	7	40		280
0-186	1	186	3750	1.5	5625	
	1	186	7	186		1302
					7117.5	1582

						0.62 kg/cum	0.39kg/cum
						4412.85	616.98
						5029.83	
	Culvert	width					
	16mm dia cranked bars	12	25.6				
	at @.15 c/c	80	170				
	1.75*1.25	140	212.5				
	at 1.58 kg/mtr	221.2	335.75	**556.95**			
	16mm un cranked bars	79	169				
	at @.15 c/c						
	1.75	138.25	295.75	434			
	12mm dist at top and bottom @0.18m c/c	1.75	1.75				
		10	10				
		4.95	13.45				
	at 0.89 Kg/cum	4.4055	11.9705	16.376			
				1007.33			
				6037.16	**6.01**		
5	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.						
	From HDFC bank to bakery	Sqm	4	40		0.90	144
	From Talakaveri layout main road to Amruthalli circle		4	186		0.90	670
	culvert		4	12		0.90	43
							857
						Qty Ltd to	**856.8**
3	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications.						
	From HDFC bank to bakery	Bottom- cum	1	40	1.05	0.15	6
	layout main road to Amruthalli circle	Checked.	1	186	1.05	0.15	29
	culvert		1	12	0.75	0.15	1

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29/1

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		Side wall	2	40	0.15	0.90	11
			2	186	0.15	0.9	50
		Checked	2	12	0.15	0.90	3
		Ue: 6/7/15					101
					Qty Ltd to		**100.13**
6	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications						
	From HDFC bank to bakery		67	0.6	0.9		36
	From Talakaveri layout main road to		310	0.6	0.9		167
							204
					Qty Ltd to		**203.58**
7	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification						
	culvert		20	0.6	1.8		22
							22
					Qty Ltd to		**21.6**
8	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete						
	From HDFC bank to bakery		80				80
	From Talakaveri layout main road to		360				360
							440
9	Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications. P						
	~~Providing and fixing 20 cm thick~~		80	0.45			36
	~~culvert~~		362	0.45			163
							198.90
10	Providing and fixing MS Grating 260x260 mm						
			15				15
							15

11	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1						
							371
							371
	N.D.						
	Assistant Engineer		Assistant Executive Engineer			Executive Engineer	
	ward No.07		Project Division				

Velahanka Zone
Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION: KODIGEHALLI SUB DIVISION;
WARD NO-07 BYATARAYANAPURA
ABSTRACT

[illegible]: 007-18-000091
PO Date: PO295
Agency: M/S.KRIDL
Type: Final Bill

Sl. No.	Description	Unit	Qty	Rate	Amount
	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications				
	Sub Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No:07.	cum	371.28		
	Present Qty		**371.28**		
	Previous Qty		0.00		
	Total		371.28		
	BOQ Qty		371.28		
	Qty for payment		**371.28**	**137.80**	**51162.384**
	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification .				
	Sub Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No:07.	cum	50.85		
	Present Qty		**50.85**		
	Previous Qty		0.00		
	Total		50.85		
	BOQ Qty		50.85		
	Qty for payment		**50.85**	**5408.12**	**275002.902**

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	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.				
	Sun Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No.07.	tonne	6.01		
	Present Qty		**6.01**		
	Previous Qty		0.00		
	Total		6.01		
	BOQ Qty		6.01		
	Qty for payment		**6.01**	**75223.96**	**452095.9996**
5	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.				
	Sun Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No.07.	Sqm	856.80		
	Present Qty		**856.80**		
	Previous Qty		0.00		
	Total		856.80		
	BOQ Qty		856.8		
	Qty for payment		**856.80**	**483.36**	**414142.848**

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5	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications.				
	Sun Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No.07.	cum	100.13		
	Present Qty		**100.13**		
	Previous Qty		0.00		
	Total		100.13		
	BOQ Qty		100.13		
	Qty for payment		**100.13**	**5998.54**	**600633.8102**
6	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications				
	Sun Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No.07.	Sqm	203.58		
	Present Qty		**203.58**		
	Previous Qty		0.00		
	Total		203.58		
	BOQ Qty		203.58		
	Qty for payment		**203.58**	**2100.00**	**427518**

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	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification				
	Sun Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No.07.	Sqm	21.60		
	Present Qty		**21.60**		
	Previous Qty		0.00		
	Total		21.60		
	BOQ Qty		21.6		
	Qty for payment		**21.60**	**5111.00**	**110397.6**
8	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x200x400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete				
	Sun Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No.07.	nos	440.00		
	Present Qty		**440.00**		
	Previous Qty		0.00		
	Total		440.00		
	BOQ Qty		442		
	Qty for payment		**440.00**	**467.46**	**205682.4**
9	Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications.				
	Sun Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No.07.	sqm	198.90		
	Present Qty		**198.90**		
	Previous Qty		0.00		
	Total		198.90		
	BOQ Qty		198.9		
	Qty for payment		**198.90**	**39.22**	**7800.858**

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10	Providing and fixing MS Grating 260x260 mm				
	Sun Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No.07.	nos	15.00		
	Present Qty		**15.00**		
	Previous Qty		0.00		
	Total		15.00		
	BOQ Qty		18		
	Qty for payment		**15.00**	**89.84**	**1347.6**
11	Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return				
	Sun Name of work				
	Improvements of drains at amruthalli main road from reliance fresh to amruthalli circle in ward No.07.	cum	371.28		
	Present Qty		**371.28**		
	Previous Qty		0.00		
	Total		371.28		
	BOQ Qty		371.28		
	Qty for payment		**371.28**	**106.00**	**39355.68**
			SUB TOTAL		**2585140.08**
		Add 12% GST			310216.81
		Add 4% KRIDL CHARGES			103405.60
			GRAND TOTAL		**2998762.5**

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